

# APPLIED MATHEMATICS AND COMPUTATION

VOLUME 73

RYSZARD KOZERA

- On Complete Integrals and Uniqueness in Shape from Shading ..... 1

G. S LADDE AND S. SATHANANTHAN

- Stability Analysis of Hereditary Iterative Processes ..... 39

J. WU AND X. ZOU

- Patterns of Sustained Oscillations in Neural Networks  
with Delayed Interactions ..... 55

XINZHI LIU

- Impulsive Control and Optimization ..... 77

H. DANG-VU AND C. DELCARTE

- Hopf Bifurcation and Strange Attractors in Chebyshev Spectral  
Solutions of the Burgers Equation ..... 99

XIAO-QING JIN

- A Fast Algorithm for Block Toeplitz Systems with Tensor Structure ... 115

T. SASAGAWA

- Constructions of  $C^\infty$ -Class Functions Having Specified Asymptotic  
Properties ..... 125

KRZYSZTOF KOŁOWROCKI

- Asymptotic Reliability Functions of Some Nonhomogeneous  
Series-Parallel and Parallel-Series Systems ..... 133

TOKUFUMI YAMAMOTO

- Critical State between Local and Global Interaction ..... 153

HENRYK GZYL

- Maxentropic Reconstruction of Fourier and Laplace Transforms ..... 181

R. PAVANI

- A Numerical Approximation of the Rotation Number ..... 191

(Continued)

FERENC SZIDAROVSKY AND OLGIERD PALUSINSKI An Inverse Method to Determine Parasitics of Power Interconnections in High Speed Electronics .....	203
M. MORHÁČ An Algorithm to Solve Hilbert Systems of Linear Equations Precisely .....	209
ZHIZHANG SHEN AND CHRISTIAN M. MARSTON A Study of a Dice Problem .....	231
FERENC SZIDAROVSKY, SÁNDOR MOLNÁR, AND JEROME YEN On the Price Trajectory Control of a Discrete Dynamic Producer-Consumer Market .....	249
WANG PEIGUANG Iterative Methods for the Boundary Value Problem of a Fourth-Order Differential-Difference Equation .....	257
T. SASAGAWA An Infinite Product Arising from an Elementary Geometric Problem and the Estimate of Its Value .....	271
M. NACEUR AZAIEZ AND VICKI M. BIER Perfect Aggregation for a Class of General Reliability Models with Bayesian Updating .....	281
1995 SUBJECT INDEX .....	303

VOLUME CONTENTS

